
From: Way, Steven
Sent: Tuesday, January 27, 2015 6:56 PM
To: Ostrander, David
Subject: Fwd: Blacktail Ck

FYI - NDDOH direction to RP

Sent from my iPhone

Begin forwarded message:

From: "Rockeman, Karl H." <krockema@nd.gov>
Date: January 27, 2015 at 10:13:50 AM CST
To: "Lucente, Bethany" <Bethany.Lucente@stantec.com>, "Andrew Parisi" <aparisi@summitmidstream.com>
Cc: "Glatt, Dave D." <dglatt@nd.gov>, "Way, Steven" <way.steven@epa.gov>
Subject: Blacktail Ck

Andrew,

To follow up on our meeting yesterday, the Department is requesting you address the following items:

1. Installation of continuous conductivity datalogger at sample locations 106 and 200. This should be a priority due to the failure of containment dikes noted below.
2. Work with Pete Wax to find a way to access the Missouri River to delineate the leading edge of the spill.
3. Develop a Soil and Sediment sampling plan for Blacktail Creek and the Little Muddy Creek from the confluence with Blacktail to 66th St.
4. Obtain coverage under NDPDES permit NDR32, Mining Extraction and Paving Material stormwater permit. The permit, application and other information is available here: <http://www.ndhealth.gov/WQ/Storm/Mining/MINING.HTM>
 - a. Please note that section 7 of Appendix 2 would be applicable to this situation.
5. Previously the Department had requested a plan to assess Blacktail from Hwy 85 to the confluence for brine contamination. Please provide a plan which address the changes due to the higher flows in the creek and that includes item 1. above.

If you have any questions, please contact me.

Karl Rockeman, P.E.

Director

Division of Water Quality

North Dakota Department of Health

(701)328-5210

From: Way, Steven [<mailto:way.steven@epa.gov>]

Sent: Monday, January 26, 2015 10:30 PM

To: Glatt, Dave D.

Cc: Roberts, Kris D.

Subject: Blacktail Ck - water level shots

Dave,

Attached are a couple shots (before and after) of the Underflow Dam being overtopped. This is Dam #3 in Stantec's nomenclature, which is adjacent to the Production Well Pad. The overtopping started sometime in the late afternoon 1/26/15. The underflow dam upstream washed-out about the same

time, which was near the pumping station in the other photos. You can see the water level change at the Frac tank pad/pump station before and after.

Kris and I did convey to Stantec and (Rick with Summit) the recommendation that continued pumping under the flow conditions that developed today did not make good sense in terms of environmental protection or the use of resources. Conditions may change and pumping may be required again in the near term.

Steve

Steven Way

Federal On-Scene Coordinator

Emergency Response Unit

US EPA - Region 8

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